



410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 60

58990029.q GVRLGQPEFATNG-SCLGGCCCGE<sub>100</sub>GS IAKDWYNTSPDLYSDN FESK<sub>10</sub>KVPGVPLVIDFAIRDFG CPAAGQAPPANYACVSSNSCSCNVNTINGDGYICNCNSKGYDGDNPYIPNG - CHDIDECALPDSHPELR-VVYPCSRNGICMNRGGYDCFCRKGMGDK<sub>10</sub>SK  
40410008.q ASRLMFETAEANG-SCSGMCCCEAN<sub>10</sub>AC<sub>10</sub>RAASVT FAIKKNVFWSNSP<sub>10</sub>CYSGMIVQKNW<sub>10</sub>NFTKEDLYCNQT LSHKH<sub>10</sub>RGVPFVLDFAIANVS CFAAQGQPPLDNYACRSNSFCVNATSSPGYICKCSKDYGDNPYIADG - CQDIDECQPLRQPFELR-DVYPCSSDGI<sub>10</sub>CKNPKGGYDCFCRKGMGDK<sub>10</sub>  
40600007.q FF<sub>10</sub>FSGQSFS-SDPGSSAACFN<sub>10</sub>SS AAG - FYGCSSC<sub>10</sub>MLAMFFQE - N-RAGCAG - TMEG - EADIDECELD<sub>10</sub>DEQPAIR-DYCRY - GIC<sub>10</sub>CKNTIGGYCD<sub>10</sub>CQCFGTGKGDAK  
63240020.q TTCVSLDAAHGDG<sub>10</sub>QCSGLGCCQVPSIPI<sub>10</sub>NLALVELNWGN - LTKNYAWRYSPCSYAFVAEKAWYKF<sub>10</sub>SRGDFSRAGESKS<sub>10</sub>NN HAGDRSVTTVLDNAIRSD<sub>10</sub> - GSCSSTS<sub>10</sub>RVA<sub>10</sub>PACVSPNSYC<sub>10</sub>VNTINGG<sub>10</sub>YCLCKCS<sub>10</sub>PGYDGDNPYV<sub>10</sub>TGDSGCTNINECKL<sub>10</sub>REDPAKYSE<sub>10</sub>YPC<sub>10</sub>CYGS<sub>10</sub>SKCHDTEG<sub>10</sub>DYRCKCRL<sub>10</sub>KG<sub>10</sub>RGD<sub>10</sub>SK  
21686954.q MEAQGW<sub>10</sub>SFSRQDFSHAGSK<sub>10</sub>VE - SDGGRSVP<sub>10</sub>TVLDNAIRRN - GLCSSAT-GAPACVSAHSYCVNATNGEYCLNCNSAGYSGSPV<sub>10</sub>TG - GCIN<sub>10</sub>NECEL<sub>10</sub>REGPA - M<sub>10</sub>PC<sub>10</sub>CYGS<sub>10</sub>RCYDTEGGYKCKC<sub>10</sub>CRFPHRG<sub>10</sub>GS  
12620868.q TTTCGSVEAAAQN<sub>10</sub>GEPCT<sub>10</sub>GLGCCVPSIPI<sub>10</sub>NLT<sub>10</sub>LHISWN<sub>10</sub>DQ<sub>10</sub>QFLNFT<sub>10</sub>I<sub>10</sub>GTPCSYAFVA<sub>10</sub>KD<sub>10</sub>W<sub>10</sub>NF<sub>10</sub>S<sub>10</sub>RQDFGV<sub>10</sub>V<sub>10</sub>E<sub>10</sub>D<sub>10</sub>FT<sub>10</sub>N<sub>10</sub>T<sub>10</sub>WD<sub>10</sub>K<sub>10</sub>S<sub>10</sub>V<sub>10</sub>L<sub>10</sub>W<sub>10</sub>NAIRRN - GSCS<sub>10</sub>IT<sub>10</sub>LA<sub>10</sub>PACV<sub>10</sub>S<sub>10</sub>AN<sub>10</sub>NC<sub>10</sub>VNT<sub>10</sub>NGV<sub>10</sub>YCLCKCS<sub>10</sub>PGYAGNP<sub>10</sub>YAT<sub>10</sub>ADG<sub>10</sub>CTN<sub>10</sub>NECD<sub>10</sub>RAE<sub>10</sub>PAKY<sub>10</sub>KE<sub>10</sub>YPC<sub>10</sub>CYGS<sub>10</sub>SKCHDTEG<sub>10</sub>DYRCKCRL<sub>10</sub>KG<sub>10</sub>RGD<sub>10</sub>SK  
40390012.q PMY ADINECD - PSNKD - KYP<sub>10</sub>CYGV<sub>10</sub>CKNIV<sub>10</sub>YEC<sub>10</sub>S<sub>10</sub>CH<sub>10</sub>RTG<sub>10</sub>YQ<sub>10</sub>PS<sub>10</sub>GGGP  
40390009.q SL<sub>10</sub>YAGC<sub>10</sub>TYC<sub>10</sub>SD<sub>10</sub>LS<sub>10</sub>AK<sub>10</sub>N<sub>10</sub>KG<sub>10</sub>CA<sub>10</sub>VG<sub>10</sub>CC<sub>10</sub>VD<sub>10</sub>PP<sub>10</sub>EL<sub>10</sub>TD<sub>10</sub>UV<sub>10</sub>IF<sub>10</sub>Q<sub>10</sub>W<sub>10</sub>P<sub>10</sub>R<sub>10</sub>E<sub>10</sub>Q<sub>10</sub>V<sub>10</sub>D<sub>10</sub>F<sub>10</sub>S<sub>10</sub>PC<sub>10</sub>CD<sub>10</sub>Y<sub>10</sub>A<sub>10</sub>F<sub>10</sub>V<sub>10</sub>D<sub>10</sub>KEEY<sub>10</sub>Q<sub>10</sub>F<sub>10</sub>R<sub>10</sub>SD<sub>10</sub>LN<sub>10</sub>DK<sub>10</sub>R<sub>10</sub>Q<sub>10</sub>R<sub>10</sub>M<sub>10</sub>P<sub>10</sub>V<sub>10</sub>W<sub>10</sub>DA<sub>10</sub>IRD - VASCPA<sub>10</sub>PE<sub>10</sub>V<sub>10</sub>E<sub>10</sub>T<sub>10</sub>K<sub>10</sub>N<sub>10</sub>MP<sub>10</sub>AG<sub>10</sub>Y<sub>10</sub>AC<sub>10</sub>V<sub>10</sub>S<sub>10</sub>T<sub>10</sub>C<sub>10</sub>V<sub>10</sub>N<sub>10</sub>T<sub>10</sub>NG<sub>10</sub>Y<sub>10</sub>C<sub>10</sub>N<sub>10</sub>C<sub>10</sub>S<sub>10</sub>Y<sub>10</sub>E<sub>10</sub>G<sub>10</sub>N<sub>10</sub>P<sub>10</sub>Y<sub>10</sub>D<sub>10</sub>D<sub>10</sub>P<sub>10</sub>N<sub>10</sub>K<sub>10</sub>G<sub>10</sub>K<sub>10</sub>D<sub>10</sub>SK<sub>10</sub>DECA - HPN<sub>10</sub>X<sub>10</sub>PC<sub>10</sub>H<sub>10</sub>G<sub>10</sub>V<sub>10</sub>C<sub>10</sub>R<sub>10</sub>T<sub>10</sub>PD<sub>10</sub>Y<sub>10</sub>E<sub>10</sub>C<sub>10</sub>R<sub>10</sub>H<sub>10</sub>Y<sub>10</sub>Q<sub>10</sub>S<sub>10</sub>G<sub>10</sub>GP  
40560009.q GLF<sub>10</sub>FT<sub>10</sub>CG<sub>10</sub>TYC<sub>10</sub>ND<sub>10</sub>RS<sub>10</sub>RA<sub>10</sub>Q<sub>10</sub>DC<sub>10</sub>R<sub>10</sub>CA<sub>10</sub>VG<sub>10</sub>CC<sub>10</sub>VD<sub>10</sub>SP<sub>10</sub>GL<sub>10</sub>LT<sub>10</sub>D<sub>10</sub>V<sub>10</sub>W<sub>10</sub>NAIRRN - SV<sub>10</sub>CP<sub>10</sub>PLEVQ - EKK<sub>10</sub>P<sub>10</sub>AG<sub>10</sub>Y<sub>10</sub>AC<sub>10</sub>SD<sub>10</sub>N<sub>10</sub>EC<sub>10</sub>V<sub>10</sub>N<sub>10</sub>T<sub>10</sub>NG<sub>10</sub>Y<sub>10</sub>C<sub>10</sub>N<sub>10</sub>P<sub>10</sub>G<sub>10</sub>Y<sub>10</sub>Q<sub>10</sub>GE<sub>10</sub>GP  
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83551361.q 40810013.q MAFART<sub>10</sub>TP<sub>10</sub>VH<sub>10</sub>MI<sub>10</sub>AN<sub>10</sub>AGV  
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58990029.q	PILVVEFTITNSLSDILHCGSNGK							EPISDLELDIAESAEGLAY-MHS-KTTNTI	HGNVKPANILLDDNFNP	KISDFCISLIIAVDINQNQHTDKVIGDM										
40410008.q	PILVVEFTVSNLSLSDILHCGENK							VELISDLELDIAESAEGLAY-MHS-KTSTS	HGDVKPANILLDDQFNP	KISDFCISLIIARDVTEHTNDVIGDN										
40600007.q	PMLVVEFVPRSLSDILHCHNKR							ESLIDQKLNIAAEGEGLAY-MHS-KTSTS	HCDIKPGNILLDDNFDP	KISDFCISLIIADTKHTCVIGDM										
63240020.q	PMLVVEFPVSNLSLSDILHCAER							CALPFLKLDLTAISGAAKALTY-MHS-HSRRCIE	KVSDFRSESSVVKI	R5VCAADM										
21686954.q	PMLVVEFIFPNSSLTDLHCGDL							-RALSPERLGTIAISAAALAY-MHS-LGLQS	IHDGVK PANILLDDKDV	KVSDFOSSISLGLAATC-EVCADK										
12620868.q	PRLVDEFIFPNSSLTDLHCGARN							METIDLLRDLTAVSSEAALAY-MHSNIGHGS	IHDGVK PANILLDDKDV	KVSDFOASLMSVARY-NKWSVFGD										
40390012.q	PMLVVEFAANSSLIDILHCDASHL							VELIDDLRDLTAVSEAECLR-YMHSSISI	HGDVKV PANILLDDKDV	KISDFCITSKLLEVDDEFMTMVGAGSM										
40390009.q	PMLVVEFAANSSLIDILHCDANRL							YMHSSISIHTHGDVKV PANILLDDKDV	IHDGVK PANILLDDKDV	KISDFCITSKLLEADFEFTMVGAGSM										
40560009.q	PMLVVEFAAKSSLIDILHCDAN							YMHSSISIHTHGDVKV PANILLDDKDV	IHDGVK PANILLDDKDV	KISDFCITSKLLEVDDEFMTMVGAGSM										
40550017.q	PMLVVEFAAKSSLIDILHCDAN							YMHSSISIHTHGDVKV PANILLDDKDV	IHDGVK PANILLDDKDV	KISDFCITSKLLEVDDEFMTMVGAGSM										
40560005.q	PMLVVEFAANSSLIDILHCDANSR							YMHSSISIHTHGDVKV PANILLDDKDV	IHDGVK PANILLDDKDV	KISDFCITSKLLEVDDEFMTMVGAGSM										
83551361.q	PMLVVEFAANNLSDILHCGDN							YMHSSISIHTHGDVKV PANILLDDKDV	IHDGVK PANILLDDKDV	KISDFCITSKLLEVDDEFMTMVGAGSM										
40810013.q	PMLVVEFAANNLSDILHCGDNR							YMHSSISIHTHGDVKV PANILLDDKDV	IHDGVK PANILLDDKDV	KISDFCITSKLLEVDDEFMTMVGAGSM										
41540013.q	PMLVVEFAANNLSDILHCGDNG							YMHSSISIHTHGDVKV PANILLDDKDV	IHDGVK PANILLDDKDV	KISDFCITSKLLEVDDEFMTMVGAGSM										
71850001.q	MDIKKKRPK - MNI							VAEHDKLREYRNGHD-NTTLWR	SFSVQDLEKFKYKOS	TRN-ASGYSTKHPKKKKK										
40510010.q	PTEHLINESTIMTVEVPGCNMYM-							APEROFFSREGFITAQAD-VYSFGOLD	DIVEFGIRDIDPTEHIC	SPAFKCKNSGSKLPKLGAVREETKK										
40520020.q	VILVDEELLERHECNLILHCHDKR							FFLIDDLRDLTAVSEAECR-SYMHSRCKP	IHDGVK PANILLDDKDV	PPDVNVIVYQEYVYLKQRIVDCL										
40520010.q	VILVDEFAKNSLSDILHCG - TSN							FFLIDDLRDLTAVSEAECR-SYMHSRCKP	IHDGVK PANILLDDKDV	PPDVNVIVYQEYVYLKQRIVDCL										
AK105108.q	PAEVYEEAAR-TLDIILDCREDPP							DLHLRKIAVETAREALEY-LHSSAACGMH	IHDGVK PANILLDDKDV	KISDFCSKSKIGEDS-TWVVAADINY										
71850017.q	PMLVVEFVDRSNSLSDILHCGAQIP							PAEVYEEAAR-TLDIILDCREDPP-LHSSAACGMH	IHDGVK PANILLDDKDV	KLTCFWSACRNNNDSOAHIDHKYC										
83582695.q	PMLVVEYEAAR-SNLSDILHCKEDPP							PAEVYEEAAR-TLDIILDCREDPP-LHSSAACGMH	IHDGVK PANILLDDKDV	KLTCFWSACRNNNDSOAHIDHKYC										
71850014.q	PMLVVEYEAAR-SNLSDILHCKEDPP							PAEVYEEAAR-TLDIILDCREDPP-LHSSAACGMH	IHDGVK PANILLDDKDV	KLTCFWSACRNNNDSOAHIDHKYC										
AK102853.q								MSMFLKGKASMFCFLKK	ISH											
49860013.q	GNDHEVCFCNRLDIICTREKLPS							HLHRSLIAVOCABGLVHISLLAE	PDSHSTGILLGCRNSINTFLDKNFVP	KVENSNSLSPFLGLSVMQKHTASVDRP	-NDQRSQIYVYIDGRDISQLFN									
83552926.q	APVLYVEYEGMGLDIAFEGCKAWQS							HEHPTSYVRQIATDAE	IHDGVK PANILLDDKDV	KLTCFWSACRNNNDSOAHIDHKYC										
48120021.q	APVLYVEYEGMGLDIAFEGCKAWQQ							DCPFACEITRLEAVGAAEG	IHDGVK PANILLDDKDV	KLTCFWSACRNNNDSOAHIDHKYC										
63552922.q	CTV1LYEYGAISLSDIVFIDAR							LAHLHSLGVHGDVSINDILLDHSV	IHDGVK PANILLDDKDV	KLTCFWSACRNNNDSOAHIDHKYC										
AK069794.q	GLV1LYEYGAISLSDIVFIDAR							ITRPTCDLRKIAIGAAEG	IHDGVK PANILLDDKDV	KLTCFWSACRNNNDSOAHIDHKYC										
58990022.q	PMLVVEFTVKSISLSDILVFKCDENMKGNLHDVLPYKNDNKKGGKCKGKVHDALV							VS-PIFICGKTFVKAIGAGV	IHDGVK PANILLDDKDV	KLTCFWSACRNNNDSOAHIDHKYC										
	ECDFKDT							LAHLHSLGVHGDVSINDILLDHSV	IHDGVK PANILLDDKDV	KLTCFWSACRNNNDSOAHIDHKYC										
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